INCH-POUND
A-A-55507/3
2 February 2004

COMMERCIAL ITEM DESCRIPTION

CLIP, ELECTRICAL, FUSE, P.C. BOARD, UP TO 15 AMPERE, FOR FUSE DIAMETER 5 MM

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

The complete requirements for procuring the 10 ampere electrical P.C. board fuse clip described herein shall consist of this document and the issue in effect of CID A-A-55507.

CLASSIFICATION. This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see notes).

AA55507	/03	-	01
CID number	Applicable CID sheet (two digits)		Dash number (see figure 1)

SALIENT CHARACTERISTICS.

Interface and physical dimensions. P.C. board electrical P.C. board fuse clips supplied to this CID shall be as specified herein (see figure 1).

Materials. Materials are as follows (see also figures 1 through 3):

A: Copper clad steel consisting of a core, representing 80 ±1 percent of the sheet thickness, SAE grade 1065. This core shall be located between two layers of oxygen-free copper. Each copper layer shall represent 10 ±1 percent of the total sheet thickness before plating.

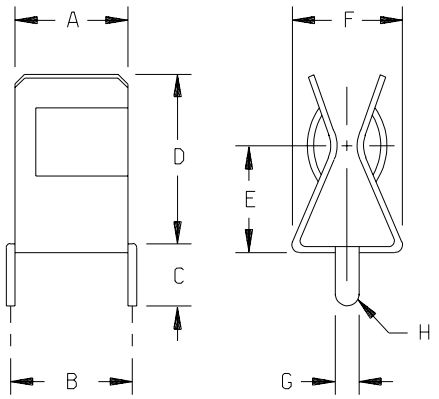
B: Copper-beryllium alloy in accordance with ASTM-B194.

C: Phosphor bronze in accordance with ASTM-B139.

D: Spring brass in accordance with ASTM-B36.

Finish: Finishes are based on the material and the current rating of the clips. Clips made of material A shall receive a copper flash initial plating followed by a final finish of either bright alloy plate, silver plate, or hot tin dip. Tin finishes must have a lead content of at least 3 percent. The thickness of all plated finishes shall be at least .0002 inch.

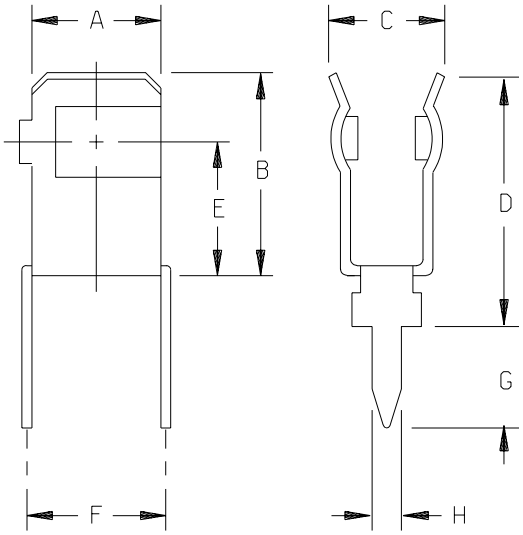
Marking. As specified in A-A-55507.



Dimension	Length
A	.25 (6.35) max.
B	.22 (5.59)
C	.16 (4.06) max.
D	.35 (8.89) max.
E	.26 (6.60) max.
F	.285 (7.24) max.
G	.066 (1.68) max
H	.03 R (0.67 R)

PIN AA55507/03-	Material	Maximum current rating (A)	Nominal fuse diameter	Finish	Style
01	B	10	.197 (5.00)	Silver-plated	Ear
02	B	10	.197 (5.00)	Tin-plated	Ear
03	C, D	10	.197 (5.00)	Tin-plated	Ear

CONFIGURATION A

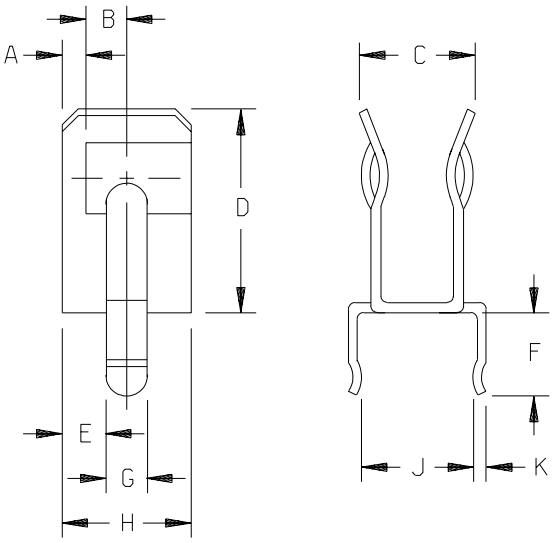


Dimension	Length
A	.18 (4.5)
B	.32 (8.2)
C	.23 (5.9)
D	.42 (10.7)
E	.22 (5.6)
F	.18 (4.6)
G	.14 (3.5)
H	.047 (1.2)

PIN AA55507/03-	Material	Maximum current rating (A)	Nominal fuse diameter	Finish	Style
04	D	7	.197 (5.00)	Silver-plated	Ear
05	D	7	.197 (5.00)	Tin-plated	Ear

CONFIGURATION B

Figure 1. Configurations and dimensions.



Dimension	Length
A	.10 (2.5) max.
B	.10 (2.5) max.
C	.25 (6.4) max.
D	.30 (7.6) max.
E	.09 (2.3) max.
F	.14 (3.6)
G	.045 (1.1)
H	.23 (5.8) max.
J	.20 (5.1) max.
K	.03 (.8)

PIN AA55507/03-	Material	Maximum current rating (A)	Nominal fuse diameter	Finish	Style
06	D	7	.197 (5.00)	Tin-plated	Ear
07	B	7	.197 (5.00)	Tin-plated	Ear
08	B	7	.197 (5.00)	Tin-plated	Surface mount

CONFIGURATION C

NOTES:

1. Dimensions are in inches. Millimeters are in parentheses and are provided for general information only.
2. Unless otherwise specified, tolerances are ±.02 (0.5 mm) for two place decimals and ±.005 (0.13 mm) for three place decimals.
3. Fuseclips have end stops and straight leads.
4. Maximum board thickness 0.093 (2.36).

Figure 1. Configurations and dimensions - Continued.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See classification information for PIN format example.

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

MFR's CAGE	MFR's name and address
71400	Bussman PO Box 14460 St. Louis, MO 63178-4460 Phone: (636) 394-2877 FAX: (636) 527-1423 Manufacturer's E-MAIL - fusebox@buss.com Manufacturer's URL - http://www.bussman.com/
75915	Littelfuse Inc. 800 E. Northwest Highway Des Plaines, IL 60016-3096 Phone: (847) 824-1188 FAX: (847) 824-9476 Manufacturer's MAIL lfelectr@interaccess.com Manufacturer's URL – http://www.littlefuse.com/
92912	Bel Fuse Inc. 206 Van Vorst Street Jersey City, New Jersey 07302 Phone: (201) 432-0463 FAX: (201) 432-9542 Manufacturer's E-MAIL - belfuse@belfuse.com Manufacturer's URL - http://www.belfuse.com/

Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N supersession data.

Dash number (see table I) AA55507/03-	MFR's CAGE	MFR's P/N 1/	MFR's CAGE	MFR's P/N 1/	MFR's CAGE	MFR's P/N 1/
01	71400	1A3399-01	75915		92912	
02	71400	1A3399-04	75915		92912	
03	71400	1A3399-10	75915		92912	FC-201
04		1A5018-10		100 054		
05		1A5018-07		100 056		
06		1A5602		111 501		
07				111 506		
08				111 505		

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements see the marking paragraph.

MILITARY INTERESTS:

Custodians:
Army - CR
Navy - SH
Air Force - 11
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing Activity:

DLA-CC

Project 5999-0393